

Objectives

The objectives of the study were:

1. Preparing ethograms of *Bos indicus* maternal behavior including mother – calf interactions and mutual communication.
- 2 Elucidation of audio spectrograms of mother/calf vocalizations, mutual responses to those vocalizations & pain vocalizations.
3. Finding an alternative to oxytocin injection in form of induced proximity between mother and calf and to observe changes in milking amount due to this proximity.